

QUALITY ASSURANCE PROVISIONS

3/20~
NSN: 00-151-7836
P/N: 3020T11P11
NOMEN: *TF-34 Fan Disk Bushing*

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number: **3020T11P11** latest revision and all details and specifications referenced therein.

I. Quality/Inspection Requirements

- A. MIL-I-45208 or ISO 9000 equivalent applies:
- B. First Article Testing applies:
- C. Mandatory Inspection applies:
- D. Production Lot Testing Applies:

II. Supplemental Requirements

- A. Additionally, para. 3.1-3.5, 5.1-5.2, 6.1-6.2 of MIL-Q-9858 or ISO 9000 equivalent apply.
- B. The contractor shall identify on the process/operation sheets all manufacturing sources performing processes/operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of First Article and/or Production Lot Testing without approval from the Engineering Support Activity (ESA), via the PCO.
- C. The Inspection Method Sheets, which list the characteristics of each item produced under the contract, shall have traceability to the raw material, casting, or forging. In addition, the contractor is responsible for providing completed inspection method sheets showing the actual dimensions taken
- D. Markings should be in accordance with MIL-STD-130 Rev. "L". Method and location shall be in accordance with the drawing.

III. Mandatory Inspection Requirements

During production, mandatory inspection is required to be accomplished by the contractor, as follows:

- A. Level of Inspection (LOI):
 - 1) Critical Characteristics: 100% inspection shall apply.

2) Major and Minor Characteristics - LOI shall be in accordance with a sampling plan acceptable to the QAR.

B. Critical Characteristics:

**Note 4: Material to be IAW B50TF15 CL-B After Heat Treatment ⊕
Hardness to RC 40 Minimum
SUPPLEMENTAL VIEW 2: F-6: .7970-.7954- DIA /
CIRCULAR RUNOUT – B- C- .0005**

C. Major and Minor Characteristics Shall be defined by the contractor subject to QAR concurrence, unless defined on applicable drawings and associated specifications.

IV. Unless expressly provided for elsewhere in this Clause, equipment such as fixtures, jigs, dies, patterns, templates, mylars, special tooling, test equipment, or any other manufacturing aid required for the manufacture and/or testing of the subject items will not be provided by the Government or any other source and is the sole responsibility of the contractor. The foregoing applies notwithstanding any reference to such equipment or the furnishing thereof that may be contained in any drawing

**PRODUCTION LOT TESTING REQUIREMENTS
[WITNESSED AND ACCEPTED AT THE CONTRACTORS FACILITY]**

The material produced under contract shall be accepted by the cognizant CAO/QAR upon the successful completion of these requirements.

THE PRODUCTION LOT SAMPLES SHALL BE INSPECTED AT THE CONTRACTORS FACILITY WITNESSED AND ACCEPTED BY THE DCMA/QAR. A WRITTEN TEST REPORT SHALL BE FORWARDED TO THE CONTRACTING OFFICER. ALL 1423 REQUIREMENTS APPLY.

I. Production Lot Test Requirements

- A. The cognizant CAO/QAR shall select 1 item at random from the production lot. In addition the QAR shall select one (1) item at random from each successive lot or portion thereof.
- B. Production Lot Testing to be completed during production after First Article Approval.

II. The tests to be performed under the Production Lot Sample testing provisions of the contract are:

- A. Compliance with drawings and all specification referenced therein.
- B. Dimensional Check

In addition to the above tests, the Production Lot Sample(s) to be delivered hereunder shall also be subjected to those tests, which will demonstrate that the sample(s) comply with contract requirements.

III. Testing location

- A. The Production Lot inspection shall be performed at the contractor's plant, by the contractor and witnessed and accepted by the DCMC/QAR. Within fifteen (15) days of completion of Production Lot Testing the CAO/QAR shall prepare and submit One (1) copy of their test report with conclusions and recommendations to the ~~DCMC~~ All 1423 requirements apply.

DSCR PCO

- B. Sample(s) may be considered as production items under the contract provided sample(s) can be refurbished to ready For Issue (RFI) condition and provided sample(s) have inspection approval of the cognizant DCMC. Sample(s) may be shipped as production items only after all other units required under the contract have been produced and are ready for shipment.

PRODUCTION LOT TESTING (CONTRACTOR TESTING)

- A. If the contractor fails to provide any Production Lot Samples for testing within the time or times specified, or if the contracting officer disapproves any Production Lot Samples, the contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract, and this contract shall be subject to termination for default.
- B. In order for a Production Lot to be acceptable, all samples representative of the lot must pass all the contract requirements. In the event a sample fails to pass such requirements, the lot will be rejected. In such event, the government may, at its option and at no additional cost to the government, (I) terminate all or any portion of this contract for default, (II) require the manufacture of a new Production Lot, or a rework of the rejected Production Lot if the means and procedures by the contractor for rework are acceptable to the government, or (III) require the submission of additional samples for test. The foregoing procedures shall apply to new or reworked Production Lots in the same way as they did to the original Production Lot.
- C. For each additional sample or each resubmission of a modified sample which the contractor is required to submit for approval hereunder as a result of a failure of a previous sample to conform to the requirements of the specification, the contractor shall pay to the government the costs of re-inspection, examination and retesting and the contractor and his sureties (if any) shall be liable for the amount of such costs.
- D. Nothing contained in the foregoing provisions of this clause, and no action of the government in accordance herewith, shall in any way prejudice the right of the government under the clause of this contract entitled default.

CONTRACT DATA REQUIREMENTS LIST (2 Data Items)						Form Approved OMB No. 0704-0188	
<p>The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>							
A.CONTRACT LINE ITEM NO.		B.EXHIBIT		C.CATEGORY: TDP <input type="checkbox"/> TM <input type="checkbox"/> OTHER <input type="checkbox"/>			
D. SYSTEM/ITEM 00-151-7836		E.CONTRACT/PR NO.		F.CONTRACTOR			
1. DATA ITEM NO. 1		2.TITLE OF DATA ITEM CERTIFICATION DATA REPORT		3.SUBTITLE COMPLETE PROCESS OPERATION SHEETS			17.PRICE GROUP
4.AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T1		5.CONTRACT REFERENCE		6.REQUIRING OFFICE DEFENSE SUPPLY CENTER			18.ESTIMATED TOTAL PRICE
7.DD250 REQ LT	9.DIST STATEMENT REQUIRED	10.FREQUENCY AS REQ.	12.DATE OF FIRST SUBMISSION SEE BLOCK # 16	14.DISTRIBUTION			
8.ADP CODE A		11.AS OF DATE AS REQ.	13.DATE OF SUBSEQUENT SUBMISSION SEE BLOCK # 16	a. ADDRESSEE	b. COPIES		
16.REMARKS PARA. 10.1,10.2,10.2.1,10.2.2,10.2.4,10.5 *UPON SUBMISSION OF FIRST ARTICLE/PRODUCTION LOT TEST SAMPLE (S) ** IF PROCESS OPERATION SHEETS CHANGE AFTER SUCCESSFUL COMPLETION OF FAT/PLT				DCMC/ACO	Draft	Final Reg Repro	
				DCMC/QAR		1/0	
				PCO		1/0	
				NADEP		1/0	
				15.TOTAL		4/0	
1. DATA ITEM NO. 2		2.TITLE OF DATA ITEM CERTIFICATION DATA REPORT		3.SUBTITLE COMPLETE INSPECTION METHOD SHEETS			17.PRICE GROUP
4.AUTHORITY (Data Acquisition Document No.) DI-MISC-80678/T2		5.CONTRACT REFERENCE		6.REQUIRING OFFICE DEFENSE SUPPLY CENTER			18.ESTIMATED TOTAL PRICE
7.DD 250 REQ LT	9.DIST STATEMET REQUIRED	10.FREQUENCY AS REQ.	12.DATE OF FIRST SUBMISSION SEE BLOCK # 16	14 DISTRIBUTION			
8.ADP CODE A		11.AS OF DATE AS REQ.	13DATE OF SUBSEQUENT SUBMISSION SEE BLOCK #16	a.ADDRESSEE	b. COPIES		
16.REMARKS PARA. 10.1,10.2,10.2.1,10.2.2,10.2.4,10.5 *UPON SUBMISSION OF FIRST ARTICLE/PRODUCTION LOT TEST SAMPLE (S) ** AT TIME OF CONTRACT COMPLETION				DCMC/ACO	Draft	Final Reg Repro	
				DCMC/QAR		1/0	
				PCO		1/0	
				NADEP		1/0	
				15.TOTAL		4/0	
G.PREPARED BY NAVICP-P / HUGHES		H.DATE 24 January 2004		I.APPROVED BY NAVICP-P / HUGHES		J.DATE 24 January 2004	

CONTRACT DATA REQUIREMENTS LIST (2 Data Items)						Form Approved OMB No. 0704-0188		
<p>The public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.</p>								
A. CONTRACT LINE ITEM NO.		B. EXHIBIT		C. CATEGORY: TDP <input type="checkbox"/> TM <input type="checkbox"/> OTHER <input type="checkbox"/>				
D. SYSTEM/ITEM 00-151-7836		E. CONTRACT/PR NO.		F. CONTRACTOR				
1. DATA ITEM NO. 3		2. TITLE OF DATA ITEM REQUEST FOR WAIVER		3. SUBTITLE			17. PRICE GROUP	
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B		5. CONTRACT REFERENCE		6. REQUIRING OFFICE DEFENSE SUPPLY CENTER			18. ESTIMATED TOTAL PRICE	
7. DD250 REQ LT		9. DIST STATEMENT REQUIRED		10. FREQUENCY AS REQ.		12. DATE OF FIRST SUBMISSION		
8. ADP CODE		11. AS OF DATE AS REQ.		13. DATE OF SUBSEQUENT SUBMISSION		14. DISTRIBUTION		
16. REMARKS REQUIRED FOR EVERY WAIVER FOR THE LIFE OF THE CONTRACT				a. ADDRESSEE		b. COPIES		
				Draft		Final		
						Reg	Repr o	
				DCMC/ACO		1/0		
				DCMC/QAR		1/0		
				PCO		1/0		
				DSC		1/0		
				15. TOTAL		4/0		
1. DATA ITEM NO. 4		2. TITLE OF DATA ITEM REQUEST FOR DEVIATION		3. SUBTITLE			17. PRICE GROUP	
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B		5. CONTRACT REFERENCE		6. RE2QUIRING OFFICE DEFENSE SUPPLY CENTER			18. ESTIMATED TOTAL PRICE	
7. DD 250 REQ LT		9. DEST STATEMET REQUIRED		10. FREQUENCY AS REQ.		12. DATE OF FIRST SUBMISSION		
8. ADP CODE A		11. AS OF DATE AS REQ.		13. DATE OF SUBSEQUENT SUBMISSION		14. DISTRIBUTION		
16. REMARKS REQUIRED FOR EVERY DEVIATION FOR THE LIFE OF THE CONTRACT				a. ADDRESSEE		b. COPIES		
				Draft		Final		
						Reg	Repro	
				DCMC/ACO		1/0		
				DCMC/QAR		1/0		
				PCO		1/0		
				DSC		1/0		
				15. TOTAL		4/0		
G. PREPARED BY NAVICP-P / HUGHES		H. DATE 24 January 2004		I. APPROVED BY NAVICP-P / HUGHES		J. DATE 24 January 2004		

INSTRUCTION FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory

Item B. Self-explanatory

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual Other - other category of data, such as AProvisioning, AConfiguration Management, etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award)

Item F. Self-explanatory (to be filled in after contract award)

Item G. Signature of preparer of CDRL

Item H. Date CDRL was prepared

Item I. Signature of CDRL approval authority

Item J. Date CDRL was approved

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry)

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-1 (AMSDL), or one-time DID number, that defines data content and format requirements

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number)

Item 6. Enter technical office responsible for ensuring adequacy of the data item

Item 7. Specify requirement for inspection/acceptance of the data item by the Government

Item 8. Specify requirement for approval of a draft before preparation of the final data item

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230.24)

Item 10. Specify number of times data items are to be delivered

Item 11. Specify as-of date of data item, when applicable

Item 12. Specify when first submittal is required

Item 13. Specify when subsequent submittals are required, when applicable

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16

Item 15. Enter total number of draft/final copies to be delivered

Item 16. Use for additional clarifying information for items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production development, testing, and administration) but which is required by DD Form 1423

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort both the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirement, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if not data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract